

**Product Name :**  
Flow / Level Control Demonstration Unit India

**Product Code :**  
NLAB-ENGINEERINGLB54011



**Description :**

Flow / Level Control Demonstration Unit

**Technical Specification :**

**Specification:**

- Experimental unit for control engineering experiments.
- Level and flow control individually, and cascaded.
- Level measurement by pressure sensor.
- Flow measurement by rotameter with electrical output.
- Generation of disturbance variables by ball valves with scale.
- Large process schematic on front panel.
- Tank with overflow and scale.
- Control valve: electromagnetic proportional valve.

- 2 digital industrial controllers, parameterisable as P, PI or PID controllers, cascade.
- Key process variables accessible as analogue signals at lab jacks.

#### **Storage tank**

- Stainless steel
- Capacity: 15L

#### **Pump, 3-stage**

- Power consumption: 90W
- Max. flow rate: 83L/min
- Max. head: 6m
- Pressure sensor: 0...100mbar
- Rotameter with electrical output: 0...600L/h
- Electromagnetic proportional valve: Kvs: 1,1m<sup>3</sup>/h
- 2x controllers: parameterisable as P, PI or PID controller

We are well-known manufacturers, OEM suppliers of Flow / Level Control Demonstration Unit for Applied Machines. Contact us for high quality Flow / Level Control Demonstration Unit for Applied Machines for schools lab, college lab, universities, research labs, various teaching and workshop training laboratories and industries in India.

## **Naugralabequipments**

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